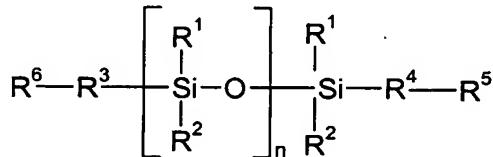


Polyurethane dispersion containing siloxane groups

Abstract

- 5 Aqueous dispersion of a polyurethane, obtainable by reacting polyisocyanates and isocyanate-reactive compounds in miniemulsion, wherein the isocyanate-reactive compounds are at least in part polysiloxanes of the formula I



10

where

R¹ and R² independently of one another are a monovalent hydrocarbon radical having not more than 20 carbon atoms, which if appropriate may also contain heteroatoms
15 such as O or N,

R³ and R⁴ independently of one another are a single bond or a divalent hydrocarbon radical having not more than 20 carbon atoms, which if appropriate may also contain heteroatoms such as O or N,

20

R⁵ and R⁶ independently of one another are a group OH, SH, NH₂ or NHR⁷ and R⁷ is a monovalent hydrocarbon radical having not more than 20 carbon atoms, which if appropriate may also contain heteroatoms such as O or N,

25 and n is an integer from 1 to 100.